

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052819\
 Data File : VU032320.D
 Acq On : 28 May 2019 11:48
 Operator : JC/SP
 Sample : VSTD05055
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05055

Quant Time: May 29 04:48:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 04:44:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	823710	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	837712	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	413225	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	303517	65.23	ug/L	0.00
7) Chloroethane-d5	1.67	69	243649	56.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	529427	59.10	ug/L	0.00
21) 2-Butanone-d5	4.17	46	411049	100.99	ug/L	0.00
24) Chloroform-d	4.64	84	530565	48.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	314501	46.51	ug/L	0.00
32) Benzene-d6	5.33	84	1097197	51.27	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	334535	49.44	ug/L	0.00
41) Toluene-d8	7.56	98	1027423	52.35	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	158116	50.65	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	291813	102.30	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	502760	45.19	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	413562	47.79	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	317265	59.031	ug/L 100
3) Chloromethane	1.33	50	328932	50.815	ug/L 100
5) Vinyl chloride	1.40	62	343726	56.199	ug/L 100
6) Bromomethane	1.61	94	219951	46.886	ug/L 100
8) Chloroethane	1.69	64	201064	49.503	ug/L 100
9) Trichlorofluoromethane	1.88	101	431735	56.136	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	260313	58.006	ug/L 100
12) 1,1-Dichloroethene	2.28	96	263735	53.728	ug/L 100
13) Acetone	2.32	43	371310	107.953	ug/L 100
14) Carbon disulfide	2.47	76	791472	53.673	ug/L 100
15) Methyl Acetate	2.61	43	301504	47.219	ug/L 100
16) Methylene chloride	2.70	84	303553	45.072	ug/L 100
17) trans-1,2-Dichloroethene	2.98	96	273840	48.786	ug/L 100
18) Methyl tert-butyl Ether	3.00	73	839940	44.729	ug/L 100
19) 1,1-Dichloroethane	3.44	63	492577	48.985	ug/L 100
20) cis-1,2-Dichloroethene	4.22	96	306185	46.658	ug/L 100
22) 2-Butanone	4.26	43	472808	104.678	ug/L 100
23) Bromochloromethane	4.54	128	161538	44.915	ug/L 100
25) Chloroform	4.67	83	516789	46.639	ug/L 100
27) 1,2-Dichloroethane	5.40	62	390158	45.397	ug/L 100
29) Cyclohexane	4.99	56	439353	62.891	ug/L 100
30) 1,1,1-Trichloroethane	4.91	97	432227	51.589	ug/L 100
31) Carbon tetrachloride	5.13	117	373411	53.879	ug/L 100
33) Benzene	5.38	78	1159061	48.674	ug/L 100
34) Trichloroethene	6.18	95	303938	50.990	ug/L 100
35) Methylcyclohexane	6.41	83	469169	62.033	ug/L 100
37) 1,2-Dichloropropane	6.43	63	299341	48.393	ug/L 100
38) Bromodichloromethane	6.75	83	387773	45.621	ug/L 100
39) cis-1,3-Dichloropropene	7.26	75	454678	49.965	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	815152	96.071	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	1281136	50.830	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	400131	49.923	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	294640	43.947	ug/L	100
46) Tetrachloroethene	8.22	164	243477	53.535	ug/L	100
48) 2-Hexanone	8.36	43	670916	100.660	ug/L	100
49) Dibromochloromethane	8.47	129	320020	44.891	ug/L	100
50) 1,2-Dibromoethane	8.58	107	313864	43.610	ug/L	100
51) Chlorobenzene	9.12	112	816534	48.500	ug/L	100
52) Ethylbenzene	9.24	91	1393269	53.565	ug/L	100
53) m,p-Xylene	9.37	106	545062	54.277	ug/L	100
54) o-xylene	9.77	106	540506	52.141	ug/L	100
55) Styrene	9.79	104	933612	52.864	ug/L	100
56) Isopropylbenzene	10.16	105	1387766	56.312	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	500992	43.880	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	392568	43.663	ug/L	100
61) Bromoform	9.95	173	246526	41.050	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	622353	47.486	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	653341	47.866	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	661498	46.777	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	109821	43.339	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	483571	51.692	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	387215	52.601	ug/L	100
69) Naphthalene	13.74	128	1215118	48.279	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	419461	50.055	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

